

**TABLE 3**  
**ESTIMATED ACTIVE PILOT CERTIFICATES HELD**  
**BY CLASS OF CERTIFICATE AND BY FAA REGION**  
**December 31, 1998**

CLASS OF CERTIFICATE	Total 1/	Alaskan	Central	Eastern	Great Lakes	New England	Northwest Mountain	Southern	South- west	Western- Pacific	Outside U.S. 2/
<b>Total--All Pilots</b>	<b>618,261</b>	<b>8,796</b>	<b>29,961</b>	<b>75,527</b>	<b>101,016</b>	<b>26,603</b>	<b>62,941</b>	<b>116,175</b>	<b>70,935</b>	<b>98,629</b>	<b>27,675</b>
<b>Student</b>	<b>97,737</b>	<b>981</b>	<b>4,866</b>	<b>13,468</b>	<b>17,025</b>	<b>4,303</b>	<b>9,377</b>	<b>18,268</b>	<b>10,769</b>	<b>14,576</b>	<b>4,102</b>
<b>Recreational</b>	<b>305</b>	<b>0</b>	<b>15</b>	<b>69</b>	<b>96</b>	<b>22</b>	<b>14</b>	<b>46</b>	<b>20</b>	<b>22</b>	<b>1</b>
<b>Airplane 3/</b>											
<b>Private --Total</b>	<b>247,227</b>	<b>3,721</b>	<b>14,214</b>	<b>30,936</b>	<b>46,316</b>	<b>11,572</b>	<b>25,778</b>	<b>41,679</b>	<b>26,169</b>	<b>40,932</b>	<b>5,910</b>
Private Airplane (only)	241,589	3,668	13,975	30,134	45,497	11,281	25,169	40,776	25,607	39,773	5,709
Private Airplane, Private Glider	3,745	33	149	583	568	186	398	603	368	770	87
Private Airplane, Private Gyroplane	42	0	4	3	13	2	3	4	7	5	1
Private Airplane, Private Helicopter	1,756	17	82	201	222	95	199	283	184	366	107
Private Airplane, Private Glider,		1	2								
Private Helicopter	80	1	2	14	12	5	7	12	3	18	6
Private Airplane-other	12	1	0	1	4	3	2	1	0	0	0
<b>Commercial--Total</b>	<b>122,047</b>	<b>2,189</b>	<b>5,978</b>	<b>13,429</b>	<b>18,535</b>	<b>4,568</b>	<b>11,945</b>	<b>23,046</b>	<b>14,566</b>	<b>18,875</b>	<b>8,915</b>
Commercial Airplane (only)	101,643	1,852	5,137	10,954	16,225	3,785	9,742	18,600	12,017	14,956	8,375
Commercial Airplane, Private Glider	1,743	34	80	235	251	74	188	319	179	361	22
Commercial Airplane, Commercial											
Glider	3,094	39	127	430	416	182	410	532	330	593	35
Commercial Airplane, Commercial											
Gyroplane, Commercial Glider	7	1	0	1	1	0	0	3	0	1	0
Commercial Airplane, Private											
Helicopter	540	7	23	65	70	29	51	94	51	116	34
Commercial Airplane, Commercial											
Glider, Private Helicopter	41	0	1	6	6	2	6	7	3	9	1
Commercial Airplane, Commercial											
Helicopter	9,659	187	392	1,075	934	290	966	2,397	1,354	1,815	249
Commercial Airplane, Private											
Glider, Commercial Helicopter	139	0	1	17	18	6	16	33	13	31	4
Commercial Airplane, Commercial											
Glider, Commercial Helicopter	470	9	19	59	48	28	52	98	51	104	2
Commercial Airplane, Commercial											
Helicopter, Commercial Gyroplane	15	0	0	0	3	0	1	3	1	6	1
Commercial Airplane, Commercial											
Gyroplane	25	0	3	0	3	1	4	9	2	2	1
Commercial Airplane, Commercial											
Gyroplane, Commercial Helicopter											
Commercial Glider	8	1	0	0	1	1	0	1	2	2	0
Commercial Helicopter, Private											
Airplane	3,642	50	163	426	376	115	400	793	458	690	171
Commercial Helicopter, Private Airplane,											
Private Glider	33	0	1	3	5	0	2	8	3	9	2
Commercial Helicopter, Private Airplane											
Commercial Glider	19	0	0	1	2	0	1	7	2	4	2
Commercial Helicopter, Private Airplane											
Commercial Gyroplane	6	0	0	0	2	0	0	4	0	0	0
Commercial Glider, Private Airplane	584	4	9	109	101	40	70	67	55	123	6
Commercial Balloon, Private Airplane,	233	4	16	34	51	13	17	34	31	31	2
Commercial Balloon, Private Airplane											
Private Helicopter	4	0	1	0	0	1	1	1	0	0	0
Commercial Balloon, Private Airplane											
Private Glider	27	0	2	3	5	0	8	4	2	3	0

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Commercial Balloon, Private Airplane											
Private Gyroplane	1	0	0	0	0	0	0	0	1	0	0
Commercial-other	113	1	3	11	17	1	10	32	11	19	8
<b>Airline Transport --Total</b>	<b>134,612</b>	<b>1,825</b>	<b>4,587</b>	<b>15,126</b>	<b>17,461</b>	<b>5,340</b>	<b>14,133</b>	<b>30,987</b>	<b>17,911</b>	<b>20,189</b>	<b>7,053</b>
Airline Transport Airplane (only)	130,513	1,730	4,475	14,507	17,116	5,126	13,773	30,100	17,167	19,610	6,909
Airline Transport Airplane,											
Airline Transport Helicopter	2,391	57	64	386	223	144	199	558	362	335	63
Airline Transport Airplane-other	1,708	38	48	233	122	70	161	329	382	244	81
<b>Rotorcraft (only) 4/ --Total</b>	<b>6,964</b>	<b>60</b>	<b>132</b>	<b>746</b>	<b>530</b>	<b>256</b>	<b>525</b>	<b>1,237</b>	<b>773</b>	<b>1,382</b>	<b>1,323</b>
Private Gyroplane	28	0	1	2	6	1	3	7	2	4	2
Private Helicopter	1,977	11	36	216	168	93	139	205	94	404	611
Commercial Helicopter	4,404	37	86	442	318	141	348	935	575	904	618
Commercial Helicopter, Private											
Glider	1	0	0	0	0	0	0	0	0	1	0
Commercial Helicopter, Commercial											
Glider	4	0	0	1	0	0	0	2	0	0	1
Commercial Gyroplane	3	0	0	0	1	0	1	1	0	0	0
Commercial Helicopter, Commercial											
Gyroplane	1	0	0	0	0	0	0	0	1	0	0
Airline Transport Helicopter	530	12	9	82	36	19	34	81	101	67	89
Recreational Gyroplane	8	0	0	1	0	1	0	5	0	1	0
Rotorcraft-other	8	0	0	2	1	1	0	1	0	1	2
<b>Glider only 5,6/ --Total</b>	<b>9,369</b>	<b>20</b>	<b>169</b>	<b>1,753</b>	<b>1,053</b>	<b>542</b>	<b>1,169</b>	<b>912</b>	<b>727</b>	<b>2,653</b>	<b>371</b>
Private Glider	8,219	14	153	1,509	944	458	998	796	641	2,370	336
Commercial Glider	1,150	6	16	244	109	84	171	116	86	283	35
<b>Flight Instructor Certificates 7/</b>	<b>78,102</b>	<b>1,073</b>	<b>3,837</b>	<b>10,253</b>	<b>13,217</b>	<b>3,389</b>	<b>7,873</b>	<b>14,553</b>	<b>9,419</b>	<b>12,646</b>	<b>1,842</b>
<b>Instrument Ratings 7,8/</b>	<b>300,183</b>	<b>4,035</b>	<b>12,823</b>	<b>35,234</b>	<b>45,003</b>	<b>12,168</b>	<b>29,316</b>	<b>62,471</b>	<b>36,785</b>	<b>46,181</b>	<b>16,167</b>

1/ Includes Outside U.S. total.

2/ Outside U.S. includes airmen certificate by the FAA who live outside the 50 states and other U.S. areas. Also includes those with unidentifiable addresses.

3/ Includes pilots with an airplane only certificate. Also includes those with an airplane and a helicopter and/or glider certificate. Prior to 1995, these pilots were categorized as private, commercial, or airline transport, based on their airplane certificate. In 1995 and after, they are categorized based on their highest certificate. For example, if a pilot holds a private certificate and a commercial helicopter certificate, prior 1995, the pilot would be categorized as private; 1995 and after as commercial.

4/ See table 7 for the total number of pilots with a helicopter certificate.

5/ See table 8 for the total number of pilots with a glider certificate.

6/ Glider pilots are not required to have a medical examination; however, the totals above represent pilots who received a medical examination within the last 25 months.

7/ Not included in total.

8/ Special ratings shown on pilot certificates, do not indicate additional certificates.